

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough; and 2. added matter is shown by underlining.

1-17 (Cancelled)

Please add new claims 18-35 as follows:

18. (New) A process for preparing a multilayer surface protection coating for reinforced concrete for improving the corrosion protection of reinforced concrete structures or reinforced concrete construction parts comprising applying onto said reinforced concrete a first layer comprising zinc connected with metal armoring of said reinforced concrete in an electrically conductive way and applying a second layer comprising low-viscosity polymers to said first layer as a continuous film; and applying a surface protection layer on the second layer.

19. (New) The process of claim 18 wherein the first layer is applied by thermal spraying.

20. (New) The process of claim 18 further comprising a zinc alloy sprayed onto the first layer.

21. (New) The process of claim 18 wherein the low-viscosity polymer is selected from the group consisting of polyurethane resins and epoxy resins.
22. (New) The process of claim 18, wherein the surface protection layer is selected from the group consisting of a sealing layer, a crack-bridging layer a wear layer, and combinations thereof.
23. (New) The process of claim 22 wherein the surface protection layer is a sealing layer comprising plastic dispersions based on different polymers.
24. (New) The process of claim 22 wherein the surface protection layer is a crack-bridging layer comprising elastomeric plastics.
25. (New) The process of claim 22 wherein the surface protection layer is a crack-bridging layer reinforced with a glass fiber fabric.
26. (New) The process of claim 25 wherein the crack-bridging layer comprises elastomeric plastics made of polyurethane, epoxy or technically equivalent polymers.
27. (New) The process of claims 22 wherein the surface protection layers is a wear layer comprising thermosetting materials.
28. (New) The process of claim 27 wherein the thermosetting material comprises an epoxy resin.
29. (New) The process of claim 18 comprising applying a cover sealing layer.

30. (New) The process of claim 18 wherein the surface protection layer comprises bitumen welding sheets.

31. (New) A process for preparing a multilayer surface protection coating for reinforced concrete for improving the corrosion protection of reinforced concrete structures or reinforced concrete construction parts comprising applying onto said reinforced concrete a first layer comprising zinc connected with metal armoring of said reinforced concrete in an electrically conductive way, and applying a cover sealing layer.

32. The process of claim 31 wherein the cover sealing layer comprises bitumen welding sheets.

33. A multilayer surface protection coating for reinforced concrete for improving the corrosion protection of reinforced concrete structures capable of bearing vehicles or reinforced concrete construction parts by layers present on the surface of said reinforced concrete comprising

a first layer comprising zinc connected with metal armoring of said reinforced concrete in an electrically conductive way,

a second layer comprising low-viscosity polymers in contact with the first layer as a continuous film, and

a surface protection layer on the second layer.

34. (New) The multilayer surface protection coating of claim 33 wherein the surface protection layer is a sealing surface protection layer, a crack-bridging surface protection layer, a wear layer, or a combination thereof.

35. (New) The multilayer surface protection coating of claim 33 wherein a cover seal is provided on the surface protection layer.

36. (New) The multilayer surface protection coating of claim 33 wherein the surface protection layer comprises a cover seal.